

Form PTO-1449 Substitute

U.S. Department of Commerce
Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT

(Use separate sheets if necessary)

Application Number	10/702,203
Filing Date	November 4, 2003
First Named Inventor	Jingyue Ju et al.
Art Unit	1637
Examiner Name	J. Riley
Attorney Docket No.	62239-BZ/JPW/BJA

U.S. PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/JR/		11/810,509	06-05-2007	Ju et al.

NON PATENT LITERATURE DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/JR/		Preliminary Amendment filed with U.S. Patent No. 11/810,509, on June 5, 2007, Ju et al.	

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/Jezia Riley/

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Applicants: Jingyue Ju et al.
Serial No.: 10/702,203
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Exhibit A

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/JR/		4,711,955	12-08-1987	Ward et al.

FOREIGN PATENT DOCUMENTS

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/JR/		WO 92/10587		Dower et al.	

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/JR/		Kraevskii, A.A. et al., (1987), Substrate Inhibitors of DNA Biosynthesis, Molecular Biology, 21:25-29	
		Henner, W.D. et al., (1983), Enzyme Action at 3' Termini of Ionizing Radiation-Induced DNA Strand Breaks, J. Biol. Chem. 258(24):15198-15205	
/JR/		Office Action issued October 25, 2002 in connection with U.S. Serial No. 09/972,364	
/JR/		Office Action issued March 14, 2003 in connection with U.S. Serial No. 09/972,364	

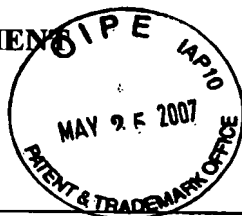
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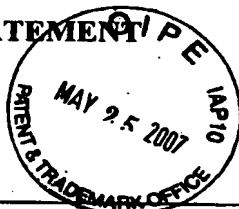
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/JR/		5,599,675	02-04-1997	Brenner
/JR/		6,197,557	03-06-2001	Markarov et al.
/JR/		6,361,940	03-26-2002	Van Ness et al.
/JR/		6,627,748	09-30-2003	Ju et al.
/JR/		6,664,079	12-16-2003	Ju et al.
/JR/		6,664,399	12-16-1993	Sabesan
/JR/		7,074,597	07-11-2006	Ju
/JR/		7,057,026	06-06-2006	Barnes et al.
/JR/		2002/0168642	11-14-2002	Drukier
/JR/		2003/0008285	01-09-2003	Fischer
/JR/		2003/0022225	01-30-2003	Monforte et al.
/JR/		2003/0027140	02-06-2003	Ju et al.
/JR/		2003/0044871	03-06-2003	Cutsforth et al.
/JR/		2003/0099972	05-29-2003	Olejnuk et al.
/JR/		2004/0185466	09-23-2004	Ju et al.
/JR/		2005/0032081	02-10-2005	Ju et al.
/JR/		2006/0057565	03-16-2006	Ju et al.
/JR/		2006/0252038	11-9-2006	Ju et al.
/JR/		2006/0003352	01-05-2006	Lipkin et al.
/JR/		6,218,530	04-17-2001	Rothschild et al.
/JR/		5,763,594	06-09-1998	Hiatt et al.
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/JR/		6,833,246	12-21-2004	Balasubramanian
/JR/		6,214,987	04-10-2001	Hiatt et al.
/JR/		6,232,465	05-15-2001	Hiatt et al.
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		6,664,079	12-16-2003	Ju et al.
		6,664,399	12-16-1993	Sabesan
		7,074,597	07-11-2006	Ju
		7,057,026	06-06-2006	Barnes et al.
		2002/0168642	11-14-2002	Drukier
		2003/0008285	01-09-2003	Fischer
		2003/0022225	01-30-2003	Monforte et al.
		2003/0027140	02-06-2003	Ju et al.
		2003/0044871	03-06-2003	Cutsforth et al.
		2003/0099972	05-29-2003	Olejnuk et al.
		2004/0185466	08-23-2004	Ju et al.
		2005/0032081	02-10-2005	Ju et al.
		2006/0057565	03-16-2006	Ju et al.
		2006/0252038	11-9-2006	Ju et al.
		2006/0003352	01-05-2006	Lipkin et al.
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/JR/		WO 00/53805	09-14-2000	Stemple et al.	
/JR/		WO 01/27625	04-19-2001	Leif et al.	
/JR/		WO 04/007773	01-22-2004	Ju	
/JR/		WO 04/055160	01-22-2004	Ju et al.	
/JR/		WO 05/084367	09-15-2005	Ju	
/JR/		WO 06/073436	07-13-2006	Lipkin et al.	
/JR/		WO 07/002204	01-04-2007	Ju et al.	
/JR/		EP 0992511	04-12-2000	Rapigene Inc.	
/JR/		WO 04/018492	03-04-2004	Solexa Limited	
/JR/		WO 04/018497	03-04-2004	Solexa Limited	

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/JR/		Jingyue Ju, et al. "Cassette labeling for facile construction of energy transfer fluorescent primers", Nuc. Acids Res. 24(6):1144-1148 (1996)	
/JR/		Lee LG, et al. "DNA sequencing with dye labeled terminators and T7 DNA polymerase effect of dyes and dNTPs on incorporation of dye terminators and probability analysis of termination fragments". Nucleic Acids Res. 20: 2471 2483 (1992)	
/JR/		Bergseid M., Baytan A.R., Wiley J.P., Ankener W.M., Stolowitz, Hughs K.A., Chestnut J.D., "Small-molecule base chemical affinity system for the purification of proteins", BioTechniques 29:1126-1133 (2000)	
/JR/		Buschmann et al., "The Complex Formation of α,ω -Dicarboxylic Acids and α,ω -Diols with Cucurbituril and α -Cyclodextrin", Acta Chim. Slov. 46(3):405-411 (1999)	

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/JR/		Kolb et al., "Click Chemistry: Diverse Chemical Function From a Few Good Reactions", Angew. Chem. Int. Ed. 40:2004-2021 (2001)			
/JR/		Lewis et al., "Click Chemistry in Situ: Acetylcholinesterase as a Reaction Vessel for the Selective Assembly of a Femtomolar Inhibitor from an Array of Building Blocks", Angew. Chem. Int. Ed., 41(6):1053-1057 (2002)			
/JR/		Seo et al., "Click Chemistry to Construct Fluorescent Oligonucleotides for DNA Sequencing", J. Org. Chem. 68:609-612 (2003)			
/JR/		Fallahpour, "Photochemical and Thermal reactions of Azido-Oligopyridines: Diazepinones, a New Class of Metal-Complex Ligands", Helvetica Chimica Acta. 83:384-393 (2000)			
/JR/		Ikeda, K. et al. "A Non-Radioactive DNA Sequencing Method Using Biotinylated Dideoxynucleoside Triphosphates and Delta TTH DNA Polymerase" DNA Research, 2(31):225-227 (1995)			
/JR/		Kim Sobin et al. "Solid Phase Capturable Dideoxynucleotides for Multiplex Genotyping Using Mass Spectrometry" Nucleic Acids Research, 30(16):e85.1-e85.6, (2002)			
/JR/		Wendy S Jen, John J.M. Wiener, and David W.C. MacMillan "New Strategies for Organic Catalysis: The First Enantioselective Organocatalytic 1,3-Dipolar Cycloaddition" J. Am. Chem. Soc., 122, 9874-9875 (2000)			
/JR/		Supplementary European Search Report issued February 16, 2004 in connection with European Patent Application No. 01 97 7533			
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/JR/		Supplementary European Search Report issued February 9, 2007 in connection with European Patent Application No. 03 76 4568.6	
/JR/		Supplementary European Search Report issued May 25, 2005 in connection with European Patent Application No. 02 72 8606.1	
/JR/		Supplementary European Search Report issued June 7, 2005 in connection with European Patent Application No. 01 96 8905	
/JR/		International Preliminary Examination Report issued on 3/18/05 in connection with PCT/US03/21818	
/JR/		International Preliminary Examination Report issued on 4/3/03 in connection with PCT/US01/31243	
/JR/		International Preliminary Examination Report issued on 2/25/03 in connection with PCT/US01/28967	
/JR/		International Preliminary Examination Report issued on 3/17/03 in connection with PCT/US02/09752	
/JR/		International Preliminary Report on Patentability issued on 9/5/06 in connection with PCT/US05/006960	
/JR/		International Search Report issued 5/13/02 in connection with PCT/US01/31243	
/JR/		International Search Report issued 1/23/02 in connection with PCT/US01/28967	
/JR/		International Search Report issued 9/18/02 in connection with PCT/US02/09752	
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/JR/		International Search Report issued 6/8/04 in connection with PCT/US03/39354			
/JR/		International Search Report issued 11/4/05 in connection with PCT/US05/06960			
/JR/		International Search Report issued 12/15/06 in connection with PCT/US05/13883			
/JR/		Written Opinion of the International Searching Authority issued 10/27/05 in connection with PCT/US05/06960			
/JR/		Written Opinion of the International Searching Authority issued 12/15/06 in connection with PCT/US05/13883			
/JR/		Elango et al. (1983) Amino Acid Sequence of Human Respiratory Syncytial Nucleocapsid Protein, Nucleic Acids Research 11(17):5491-5951			
/JR/		Buck et al. (1999) Design Strategies and Performance of Custom DNA Sequencing Primers, Biotechniques 27(3)528-536			
/JR/		Hafliger et al. (1997) Semi-nested RT-PCR Systems for Small Round Structured Viruses and Detection of Enteric Viruses in Seafood. Int. J. Food Microbiol. 37:27-36			
/JR/		Leroy et al. (2000) Diagnosis of Ebola Haemorrhagic Fever by RT-PCR in an Epidemic Setting. J. Med. Virol. 60:463-467			
/JR/		Kokoris et al. (2000) High-Throughput SNP Genotyping with the Masscode System. Molecular Diagnosis 5(4):329-340			
/JR/		Kim et al. (2003) Multiplex Genotyping of the Human Beta2-adrenergic Receptor Gene Using Solid-Phase Capturable Dideoxynucleotides and Mass Spectrometry 316:251-258			
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/JR/		Partial European Search Report issued April 26, 2007 in connection with European Patent Application No. 07004522.4			
/JR/		U.S. Serial No. 10/591,520, Ju et al., filed September 1, 2006			
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